MIFAB, Inc. February 2018

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Guide Specification

Specifier Notes: This guide specification is written in Construction Specifications Institute (CSI) 3-Part Format in accordance with *The CSI Construction Specifications Practice Guide,* *MasterFormat, SectionFormat,* and *PageFormat.*

This Section must be carefully reviewed and edited by the Architect or Engineer to meet the requirements of the Project and local building code. Coordinate this Section with Conditions of the Contract, Division 01, other specification sections, and the Drawings. Delete all Specifier Notes after editing this Section.

Section numbers and titles are based on *MasterFormat 2016 Edition.*

1. 22 13 23

SANITARY WASTE INTERCEPTORS

Specifier Notes: This Section covers MIFAB, Inc. “SuperMax” HDPE grease and oil interceptors. Consult MIFAB, Inc. for assistance in editing this Section as required for the Project.

* 1. GENERAL
     1. SECTION INCLUDES

Specifier Notes: List the HDPE interceptors specified in this Section. Delete interceptors not required. Consult MIFAB, Inc. for more information.

* + - 1. HDPE grease interceptors.
      2. HDPE oil interceptors.
    1. RELATED REQUIREMENTS

Specifier Notes: Edit the following list of related sections as required for the Project. Limit the list to sections with specific information that the reader might expect to find in this Section, but is specified elsewhere.

* + - 1. Section 22 13 00 – Facility Sanitary Sewerage.
    1. REFERENCE STANDARDS

Specifier Notes: List reference standards used elsewhere in this Section, complete with designations and titles. Delete reference standards from the following list not used in the edited Section.

* + - 1. CSA Group (CSA) (www.csagroup.org):
         1. CSA B481 – Series of Standards, Grease Interceptors.
      2. International Organization for Standardization (ISO) ([www.iso.org](http://www.iso.org)):
         1. ISO 9001 – Quality management systems – Requirements.
      3. The American Society of Mechanical Engineers (ASME) ([www.asme.org](http://www.asme.org)):
         1. ASME A112.14.3 – Grease Interceptors.
      4. The International Association of Plumbing & Mechanical Officials (IAPMO) (www.iapmo.org):
         1. IAPMO/ANSI Z1001 – Prefabricated Gravity Grease Interceptors.

Specifier Notes: Include the following reference standard when specifying “SuperMax model SM-MI-G-PL-500” grease interceptor with the -PDI option.

* + - 1. The Plumbing and Drainage Institute (PDI) ([www.pdionline.org](http://www.pdionline.org)):
         1. PDI-G101 – Testing and Rating Procedure for Hydro Mechanical Grease Interceptors with Appendix of Installation and Maintenance.
    1. PREINSTALLATION MEETINGS

Specifier Notes: Edit the Preinstallation Meetings article as required for the Project. Delete this article if not required.

* + - 1. Convene preinstallation meeting [1 week] [2 weeks] before start of installation of interceptors.
      2. Require attendance of parties directly affecting Work of this Section, including Contractor, Architect, installer, and manufacturer’s representative.
      3. Review the Following:
         1. Materials.
         2. Installation.
         3. Protection.
         4. Coordination with other Work.
    1. SUBMITTALS

Specifier Notes: Edit the Submittals article as required for the Project. Delete submittals not required.

* + - 1. Submittals: Comply with Division 01.
      2. Product Data: Submit manufacturer’s product data, including installation instructions.
      3. Manufacturer’s Certification: Submit manufacturer’s certification that materials comply with specified requirements and are suitable for intended application.
      4. Manufacturer’s Project References: Submit manufacturer’s list of 10 successfully completed interceptor projects of similar size and scope to this Project, including project name and location, name of architect, and type and quantity of interceptors furnished.
      5. Installer’s Project References: Submit installer’s list of 5 successfully completed interceptor projects of similar size and scope to this Project, including project name and location, name of architect, and type and quantity of interceptors installed.
      6. Warranty Documentation: Submit manufacturer’s standard warranty.
    1. QUALITY ASSURANCE
       1. Manufacturer’s Qualifications:
          1. Manufacturer regularly engaged in the manufacturing of interceptors of similar type to that specified for a minimum of 10 years.
          2. ISO 9001 certified company.
       2. Installer's Qualifications:
          1. Installer regularly engaged in installation of interceptors of similar type to that specified for a minimum of 5 years.
          2. Use persons trained for installation of interceptors.
    2. DELIVERY, STORAGE, AND HANDLING
       1. Delivery Requirements: Deliver materials to site in manufacturer’s original, unopened containers and packaging, with labels clearly identifying product name and manufacturer.
       2. Storage and Handling Requirements:
          1. Store and handle materials in accordance with manufacturer’s instructions.
          2. Keep materials in manufacturer’s original, unopened containers and packaging until installation.
          3. Store materials in clean, dry area indoors.
          4. Do not store materials directly on floor.
          5. Protect materials during storage, handling, and installation to prevent damage.
    3. WARRANTY
       1. Warranty Period: Limited lifetime.
  1. PRODUCTS
     1. MANUFACTURERS
        1. Manufacturer: MIFAB, Inc., 1321 West 119th Street, Chicago, Illinois 60643. Toll Free 800-465-2736. Fax 773-341-3049. [www.mifab.com](http://www.mifab.com). sales@mifab.com.

Specifier Notes: Specify if substitutions will be permitted.

* + - 1. Substitutions: [Not permitted] [Comply with Division 01].
      2. Single Source: Provide materials from single manufacturer.

Specifier Notes: Specify HDPE grease and oil interceptors as required for the Project. Delete interceptors not required. Consult MIFAB, Inc. for more information.

* + 1. HDPE GREASE INTERCEPTORS
       1. Grease Interceptors: “SuperMax Model SM-MI-G-PL-500” HDPE grease interceptors.
          1. Liquid Holding Capacity: 500 gallons (1,890 L).

Specifier Notes: The flow rate is 100 gpm when specifying the -PDI option.

* + - * 1. Flow Rate: [250 gpm] [100 gpm].
        2. Tested and Certified:

ASME A112.14.3.

CSA B481.

ANSI Z1001.

Specifier Notes: Include the following reference standard when specifying the -PDI option.

PDI-G101.

* + - * 1. Listed:

IAPMO.

* + - * 1. Body: Seamless, rotational-molded, high-density polyethylene (HDPE).
        2. HDPE Material: PE 3135 from Dow 9.39.

Density: 0.939 g/cm3.

* + - * 1. Uniform Wall Thickness: 3/8 inch.
        2. Above or below ground installation.
        3. Adjustable lid system.
        4. Sample port access.
        5. Internal baffle.
        6. Deep seal trap covered by lid.
        7. Internal air-relief by-pass.
        8. Stainless steel calibrated orifice plate (internal flow control).
        9. Base for support and floor-level installation.
        10. 4-inch no-hub inlet and outlet connections.
        11. Steel-Encased Composite Lids:

Water and gas-tight seal.

Minimum Load Capacity: 20,000 lbs.

Meets loading requirements of AASHTO H20.

* + - * 1. Overall Dimensions:

Length: 111 inches (2,820 mm).

Width: 64 inches (1,630 mm).

Height: 61.50 inches (1,562 mm), plus 6-inch (152-mm) high base.

Specifier Notes: Specify grease interceptor options as required for the Project. Delete options not required. Consult MIFAB, Inc. for more information.

* + - * 1. Grease Interceptor Options:

High water anchor kit (set of 2).

Lid extension.

Coalescing pack.

Ductile iron lid and collar.

Dosing pump.

Enzyme port.

Membrane clamp kit.

6-inch no-hub inlet and outlet connection.

High-level alarm and float switch, installed on site.

4-inch no-hub inlet on left-hand side.

4-inch no-hub outlet on left-hand side.

PDI plate and external vented flow control fitting to meet PDI standards.

4-inch no-hub inlet on right-hand side.

4-inch no-hub outlet on right-hand side.

4-inch remote pump outlet connections on top of interceptor.

Sediment bucket.

External sample port, for existing construction. Inlet and outlet on same level.

External sample port, for new construction. Inlet higher than outlet.

Fire-resistant, fabricated, stainless steel interceptor.

Fire-resistant, fabricated, 10-gauge, powder-epoxy-coated steel interceptor.

Vent connection, 4 inches.

* + - 1. Grease Interceptors: “SuperMax Model SM-MI-G-PL-750” HDPE grease interceptors.
         1. Liquid Holding Capacity: 750 gallons (2,840 L).
         2. Flow Rate: 250 gpm.
         3. Tested and Certified:

ASME A112.14.3.

CSA B481.

ANSI Z1001.

* + - * 1. Listed:

IAPMO.

* + - * 1. Body: Seamless, rotational-molded, high-density polyethylene (HDPE).
        2. HDPE Material: PE 3135 from Dow 9.39.

Density: 0.939 g/cm3.

* + - * 1. Uniform Wall Thickness: 3/8 inch.
        2. Above or below ground installation.
        3. Adjustable lid system.
        4. Sample port access.
        5. Internal baffle.
        6. Deep seal trap covered by lid.
        7. Internal air-relief by-pass.
        8. Stainless steel calibrated orifice plate (internal flow control).
        9. Base for support and floor-level installation.
        10. 4-inch no-hub inlet and outlet connections.
        11. Steel-Encased Composite Lids:

Water and gas-tight seal.

Minimum Load Capacity: 20,000 lbs.

Meets loading requirements of AASHTO H20.

* + - * 1. Overall Dimensions:

Length: 111 inches (2,820 mm).

Width: 64 inches (1,630 mm).

Height: 70.13 inches (1,781 mm), plus 6-inch (152-mm) high base.

Specifier Notes: Specify grease interceptor options as required for the Project. Delete options not required. Consult MIFAB, Inc. for more information.

* + - * 1. Grease Interceptor Options:

High water anchor kit (set of 2).

Lid extension.

Coalescing pack.

Ductile iron lid and collar.

Dosing pump.

Enzyme port.

Membrane clamp kit.

6-inch no-hub inlet and outlet connection.

High-level alarm and float switch, installed on site.

4-inch no-hub inlet on left-hand side.

4-inch no-hub outlet on left-hand side.

PDI plate and external vented flow control fitting to meet PDI standards.

4-inch no-hub inlet on right-hand side.

4-inch no-hub outlet on right-hand side.

4-inch remote pump outlet connections on top of interceptor.

Sediment bucket.

External sample port, for existing construction. Inlet and outlet on same level.

External sample port, for new construction. Inlet higher than outlet.

Fire-resistant, fabricated, stainless steel interceptor.

Fire-resistant, fabricated, 10-gauge, powder-epoxy-coated steel interceptor.

Vent connection, 4 inches.

* + - 1. Grease Interceptors: “SuperMax Model SM-MI-G-PL-1000” HDPE grease interceptors.
         1. Liquid Holding Capacity: 1,000 gallons (3,790 L).
         2. Flow Rate: 250 gpm.
         3. Tested and Certified:

ASME A112.14.3.

CSA B481.

ANSI Z1001.

* + - * 1. Listed:

IAPMO.

* + - * 1. Body: Seamless, rotational-molded, high-density polyethylene (HDPE).
        2. HDPE Material: PE 3135 from Dow 9.39.

Density: 0.939 g/cm3.

* + - * 1. Uniform Wall Thickness: 3/8 inch.
        2. Above or below ground installation.
        3. Adjustable lid system.
        4. Sample port access.
        5. Internal baffle.
        6. Deep seal trap covered by lid.
        7. Internal air-relief by-pass.
        8. Stainless steel calibrated orifice plate (internal flow control).
        9. Base for support and floor-level installation.
        10. 4-inch no-hub inlet and outlet connections.
        11. Steel-Encased Composite Lids:

Water and gas-tight seal.

Minimum Load Capacity: 20,000 lbs.

Meets loading requirements of AASHTO H20.

* + - * 1. Overall Dimensions:

Length: 111 inches (2,820 mm).

Width: 64 inches (1,630 mm).

Height: 80.50 inches (2,045 mm), plus 6-inch (152-mm) high base.

Specifier Notes: Specify grease interceptor options as required for the Project. Delete options not required. Consult MIFAB, Inc. for more information.

* + - * 1. Grease Interceptor Options:

High water anchor kit (set of 2).

Lid extension.

Coalescing pack.

Ductile iron lid and collar.

Dosing pump.

Enzyme port.

Membrane clamp kit.

6-inch no-hub inlet and outlet connection.

High-level alarm and float switch, installed on site.

4-inch no-hub inlet on left-hand side.

4-inch no-hub outlet on left-hand side.

4-inch no-hub inlet on right-hand side.

4-inch no-hub outlet on right-hand side.

4-inch remote pump outlet connections on top of interceptor.

Sediment bucket.

External sample port, for existing construction. Inlet and outlet on same level.

External sample port, for new construction. Inlet higher than outlet.

Fire-resistant, fabricated, stainless steel interceptor.

Fire-resistant, fabricated, 10-gauge, powder-epoxy-coated steel interceptor.

Vent connection, 4 inches.

* + - 1. Grease Interceptors: “SuperMax Model SM-MI-G-PL-1300” HDPE grease interceptors.
         1. Liquid Holding Capacity: 1,300 gallons (4,921 L).
         2. Flow Rate: 250 gpm.
         3. Tested and Certified:

ASME A112.14.3.

CSA B481.

ANSI Z1001.

* + - * 1. Listed:

IAPMO.

* + - * 1. Body: Seamless, rotational-molded, high-density polyethylene (HDPE).
        2. HDPE Material: PE 3135 from Dow 9.39.

Density: 0.939 g/cm3.

* + - * 1. Uniform Wall Thickness: 3/8 inch.
        2. Above or below ground installation.
        3. Adjustable lid system.
        4. Sample port access.
        5. Internal baffle.
        6. Deep seal trap covered by lid.
        7. Internal air-relief by-pass.
        8. Stainless steel calibrated orifice plate (internal flow control).
        9. Base for support and floor-level installation.
        10. 4-inch no-hub inlet and outlet connections.
        11. Steel-Encased Composite Lids:

Water and gas-tight seal.

Minimum Load Capacity: 20,000 lbs.

Meets loading requirements of AASHTO H20.

* + - * 1. Overall Dimensions:

Length: 111 inches (2,820 mm).

Width: 64 inches (1,630 mm).

Height: 91.50 inches (2,324 mm), plus 6-inch (152-mm) high base.

Specifier Notes: Specify grease interceptor options as required for the Project. Delete options not required. Consult MIFAB, Inc. for more information.

* + - * 1. Grease Interceptor Options:

High water anchor kit (set of 2).

Lid extension.

Coalescing pack.

Ductile iron lid and collar.

Dosing pump.

Enzyme port.

Membrane clamp kit.

6-inch no-hub inlet and outlet connection.

High-level alarm and float switch, installed on site.

4-inch no-hub inlet on left-hand side.

4-inch no-hub outlet on left-hand side.

4-inch no-hub inlet on right-hand side.

4-inch no-hub outlet on right-hand side.

4-inch remote pump outlet connections on top of interceptor.

Sediment bucket.

External sample port, for existing construction. Inlet and outlet on same level.

External sample port, for new construction. Inlet higher than outlet.

Fire-resistant, fabricated, stainless steel interceptor.

Fire-resistant, fabricated, 10-gauge, powder-epoxy-coated steel interceptor.

Vent connection, 4 inches.

* + - 1. Grease Interceptors: “SuperMax Model SM-MI-G-PL-1500” HDPE grease interceptors.
         1. Liquid Holding Capacity: 1,500 gallons (5,680 L).
         2. Flow Rate: 250 gpm.
         3. Tested and Certified:

ASME A112.14.3.

CSA B481.

ANSI Z1001.

* + - * 1. Listed:

IAPMO.

* + - * 1. Body: Seamless, rotational-molded, high-density polyethylene (HDPE).
        2. HDPE Material: PE 3135 from Dow 9.39.

Density: 0.939 g/cm3.

* + - * 1. Uniform Wall Thickness: 3/8 inch.
        2. Above or below ground installation.
        3. Adjustable lid system.
        4. Sample port access.
        5. Internal baffle.
        6. Deep seal trap covered by lid.
        7. Internal air-relief by-pass.
        8. Stainless steel calibrated orifice plate (internal flow control).
        9. Base for support and floor-level installation.
        10. 4-inch no-hub inlet and outlet connections.
        11. Steel-Encased Composite Lids:

Water and gas-tight seal.

Minimum Load Capacity: 20,000 lbs.

Meets loading requirements of AASHTO H20.

* + - * 1. Overall Dimensions:

Length: 111 inches (2,820 mm).

Width: 64 inches (1,630 mm).

Height: 99.25 inches (2,521 mm), plus 6-inch (152-mm) high base.

Specifier Notes: Specify grease interceptor options as required for the Project. Delete options not required. Consult MIFAB, Inc. for more information.

* + - * 1. Grease Interceptor Options:

High water anchor kit (set of 2).

Lid extension.

Coalescing pack.

Ductile iron lid and collar.

Dosing pump.

Enzyme port.

Membrane clamp kit.

6-inch no-hub inlet and outlet connection.

High-level alarm and float switch, installed on site.

4-inch no-hub inlet on left-hand side.

4-inch no-hub outlet on left-hand side.

4-inch no-hub inlet on right-hand side.

4-inch no-hub outlet on right-hand side.

4-inch remote pump outlet connections on top of interceptor.

Sediment bucket.

External sample port, for existing construction. Inlet and outlet on same level.

External sample port, for new construction. Inlet higher than outlet.

Fire-resistant, fabricated, stainless steel interceptor.

Fire-resistant, fabricated, 10-gauge, powder-epoxy-coated steel interceptor.

Vent connection, 4 inches.

* + 1. HDPE OIL INTERCEPTORS
       1. Oil Interceptors: “SuperMax Model SM-MI-O-PL-500” HDPE oil interceptors.
          1. Liquid Holding Capacity: 500 gallons (1,890 L).
          2. Flow Rate: 250 gpm.
          3. Body: Seamless, rotational-molded, high-density polyethylene (HDPE).
          4. HDPE Material: PE 3135 from Dow 9.39.

Density: 0.939 g/cm3.

* + - * 1. Uniform Wall Thickness: 3/8 inch.
        2. Above or below ground installation.
        3. Adjustable lid system.
        4. Sample port access.
        5. Deep seal trap covered by lid.
        6. Internal air-relief by-pass.
        7. Adjustable oil draw-off assembly (1-1/2-inch I.P.S.) on each side.
        8. Double vent connections (3-inch I.P.S.) on each side.
        9. Stainless steel calibrated orifice plate (internal flow control).
        10. Base for support and floor-level installation.
        11. 4-inch no-hub inlet and outlet connections.
        12. Steel-Encased Composite Lids:

Water and gas-tight seal.

Minimum Load Capacity: 20,000 lbs.

Meets loading requirements of AASHTO H20.

* + - * 1. Overall Dimensions:

Length: 111 inches (2,820 mm).

Width: 64 inches (1,630 mm).

Height: 61.50 inches (1,562 mm), plus 6-inch (152-mm) high base.

Specifier Notes: Specify oil interceptor options as required for the Project. Delete options not required. Consult MIFAB, Inc. for more information.

* + - * 1. Oil Interceptor Options:

High water anchor kit (set of 2).

Lid extension.

Coalescing pack.

Ductile iron lid and collar.

Membrane clamp kit.

6-inch no-hub inlet and outlet connection.

High-level alarm and float switch, installed on site.

Holding tank.

4-inch no-hub inlet on left-hand side.

4-inch no-hub outlet on left-hand side.

4-inch no-hub inlet on right-hand side.

4-inch no-hub outlet on right-hand side.

4-inch remote pump outlet connections on top of interceptor.

Sediment bucket.

External sample port, for existing construction. Inlet and outlet on same level.

External sample port, for new construction. Inlet higher than outlet.

Fire-resistant, fabricated, stainless steel interceptor.

Fire-resistant, fabricated, 10-gauge, powder-epoxy-coated steel interceptor.

* + - 1. Oil Interceptors: “SuperMax Model SM-MI-O-PL-750” HDPE oil interceptors.
         1. Liquid Holding Capacity: 750 gallons (2,840 L).
         2. Flow Rate: 250 gpm.
         3. Body: Seamless, rotational-molded, high-density polyethylene (HDPE).
         4. HDPE Material: PE 3135 from Dow 9.39.

Density: 0.939 g/cm3.

* + - * 1. Uniform Wall Thickness: 3/8 inch.
        2. Above or below ground installation.
        3. Adjustable lid system.
        4. Sample port access.
        5. Deep seal trap covered by lid.
        6. Internal air-relief by-pass.
        7. Adjustable oil draw-off assembly (1-1/2-inch I.P.S.) on each side.
        8. Double vent connections (3-inch I.P.S.) on each side.
        9. Stainless steel calibrated orifice plate (internal flow control).
        10. Base for support and floor-level installation.
        11. 4-inch no-hub inlet and outlet connections.
        12. Steel-Encased Composite Lids:

Water and gas-tight seal.

Minimum Load Capacity: 20,000 lbs.

Meets loading requirements of AASHTO H20.

* + - * 1. Overall Dimensions:

Length: 111 inches (2,820 mm).

Width: 64 inches (1,630 mm).

Height: 70.13 inches (1,781 mm), plus 6-inch (152-mm) high base.

Specifier Notes: Specify oil interceptor options as required for the Project. Delete options not required. Consult MIFAB, Inc. for more information.

* + - * 1. Oil Interceptor Options:

High water anchor kit (set of 2).

Lid extension.

Coalescing pack.

Ductile iron lid and collar.

Membrane clamp kit.

6-inch no-hub inlet and outlet connection.

High-level alarm and float switch, installed on site.

Holding tank.

4-inch no-hub inlet on left-hand side.

4-inch no-hub outlet on left-hand side.

4-inch no-hub inlet on right-hand side.

4-inch no-hub outlet on right-hand side.

4-inch remote pump outlet connections on top of interceptor.

Sediment bucket.

External sample port, for existing construction. Inlet and outlet on same level.

External sample port, for new construction. Inlet higher than outlet.

Fire-resistant, fabricated, stainless steel interceptor.

Fire-resistant, fabricated, 10-gauge, powder-epoxy-coated steel interceptor.

* + - 1. Oil Interceptors: “SuperMax Model SM-MI-O-PL-1000” HDPE oil interceptors.
         1. Liquid Holding Capacity: 1,000 gallons (3,790 L).
         2. Flow Rate: 250 gpm.
         3. Body: Seamless, rotational-molded, high-density polyethylene (HDPE).
         4. HDPE Material: PE 3135 from Dow 9.39.

Density: 0.939 g/cm3.

* + - * 1. Uniform Wall Thickness: 3/8 inch.
        2. Above or below ground installation.
        3. Adjustable lid system.
        4. Sample port access.
        5. Deep seal trap covered by lid.
        6. Internal air-relief by-pass.
        7. Adjustable oil draw-off assembly (1-1/2-inch I.P.S.) on each side.
        8. Double vent connections (3-inch I.P.S.) on each side.
        9. Stainless steel calibrated orifice plate (internal flow control).
        10. Base for support and floor-level installation.
        11. 4-inch no-hub inlet and outlet connections.
        12. Steel-Encased Composite Lids:

Water and gas-tight seal.

Minimum Load Capacity: 20,000 lbs.

Meets loading requirements of AASHTO H20.

* + - * 1. Overall Dimensions:

Length: 111 inches (2,820 mm).

Width: 64 inches (1,630 mm).

Height: 80.50 inches (2,045 mm), plus 6-inch (152-mm) high base.

Specifier Notes: Specify oil interceptor options as required for the Project. Delete options not required. Consult MIFAB, Inc. for more information.

* + - * 1. Oil Interceptor Options:

High water anchor kit (set of 2).

Lid extension.

Coalescing pack.

Ductile iron lid and collar.

Membrane clamp kit.

6-inch no-hub inlet and outlet connection.

High-level alarm and float switch, installed on site.

Holding tank.

4-inch no-hub inlet on left-hand side.

4-inch no-hub outlet on left-hand side.

4-inch no-hub inlet on right-hand side.

4-inch no-hub outlet on right-hand side.

4-inch remote pump outlet connections on top of interceptor.

Sediment bucket.

External sample port, for existing construction. Inlet and outlet on same level.

External sample port, for new construction. Inlet higher than outlet.

Fire-resistant, fabricated, stainless steel interceptor.

Fire-resistant, fabricated, 10-gauge, powder-epoxy-coated steel interceptor.

* + - 1. Oil Interceptors: “SuperMax Model SM-MI-O-PL-1300” HDPE oil interceptors.
         1. Liquid Holding Capacity: 1,300 gallons (4,921 L).
         2. Flow Rate: 250 gpm.
         3. Body: Seamless, rotational-molded, high-density polyethylene (HDPE).
         4. HDPE Material: PE 3135 from Dow 9.39.

Density: 0.939 g/cm3.

* + - * 1. Uniform Wall Thickness: 3/8 inch.
        2. Above or below ground installation.
        3. Adjustable lid system.
        4. Sample port access.
        5. Deep seal trap covered by lid.
        6. Internal air-relief by-pass.
        7. Adjustable oil draw-off assembly (1-1/2-inch I.P.S.) on each side.
        8. Double vent connections (3-inch I.P.S.) on each side.
        9. Stainless steel calibrated orifice plate (internal flow control).
        10. Base for support and floor-level installation.
        11. 4-inch no-hub inlet and outlet connections.
        12. Steel-Encased Composite Lids:

Water and gas-tight seal.

Minimum Load Capacity: 20,000 lbs.

Meets loading requirements of AASHTO H20.

* + - * 1. Overall Dimensions:

Length: 111 inches (2,820 mm).

Width: 64 inches (1,630 mm).

Height: 91.50 inches (2,324 mm), plus 6-inch (152-mm) high base.

Specifier Notes: Specify oil interceptor options as required for the Project. Delete options not required. Consult MIFAB, Inc. for more information.

* + - * 1. Oil Interceptor Options:

High water anchor kit (set of 2).

Lid extension.

Coalescing pack.

Ductile iron lid and collar.

Membrane clamp kit.

6-inch no-hub inlet and outlet connection.

High-level alarm and float switch, installed on site.

Holding tank.

4-inch no-hub inlet on left-hand side.

4-inch no-hub outlet on left-hand side.

4-inch no-hub inlet on right-hand side.

4-inch no-hub outlet on right-hand side.

4-inch remote pump outlet connections on top of interceptor.

Sediment bucket.

External sample port, for existing construction. Inlet and outlet on same level.

External sample port, for new construction. Inlet higher than outlet.

Fire-resistant, fabricated, stainless steel interceptor.

Fire-resistant, fabricated, 10-gauge, powder-epoxy-coated steel interceptor.

* + - 1. Oil Interceptors: “SuperMax Model SM-MI-O-PL-1500” HDPE oil interceptors.
         1. Liquid Holding Capacity: 1,500 gallons (5,680 L).
         2. Flow Rate: 250 gpm.
         3. Body: Seamless, rotational-molded, high-density polyethylene (HDPE).
         4. HDPE Material: PE 3135 from Dow 9.39.

Density: 0.939 g/cm3.

* + - * 1. Uniform Wall Thickness: 3/8 inch.
        2. Above or below ground installation.
        3. Adjustable lid system.
        4. Sample port access.
        5. Deep seal trap covered by lid.
        6. Internal air-relief by-pass.
        7. Adjustable oil draw-off assembly (1-1/2-inch I.P.S.) on each side.
        8. Double vent connections (3-inch I.P.S.) on each side.
        9. Stainless steel calibrated orifice plate (internal flow control).
        10. Base for support and floor-level installation.
        11. 4-inch no-hub inlet and outlet connections.
        12. Steel-Encased Composite Lids:

Water and gas-tight seal.

Minimum Load Capacity: 20,000 lbs.

Meets loading requirements of AASHTO H20.

* + - * 1. Overall Dimensions:

Length: 111 inches (2,820 mm).

Width: 64 inches (1,630 mm).

Height: 99.25 inches (2,521 mm), plus 6-inch (152-mm) high base.

Specifier Notes: Specify oil interceptor options as required for the Project. Delete options not required. Consult MIFAB, Inc. for more information.

* + - * 1. Oil Interceptor Options:

High water anchor kit (set of 2).

Lid extension.

Coalescing pack.

Ductile iron lid and collar.

Enzyme port.

Membrane clamp kit.

6-inch no-hub inlet and outlet connection.

High-level alarm and float switch, installed on site.

Holding tank.

4-inch no-hub inlet on left-hand side.

4-inch no-hub outlet on left-hand side.

4-inch no-hub inlet on right-hand side.

4-inch no-hub outlet on right-hand side.

4-inch remote pump outlet connections on top of interceptor.

Sediment bucket.

External sample port, for existing construction. Inlet and outlet on same level.

External sample port, for new construction. Inlet higher than outlet.

Fire-resistant, fabricated, stainless steel interceptor.

Fire-resistant, fabricated, 10-gauge, powder-epoxy-coated steel interceptor.

* 1. EXECUTION
     1. EXAMINATION
        1. Examine areas to receive interceptors.
        2. Notify Architect of conditions that would adversely affect installation or subsequent use.
        3. Do not begin installation until unacceptable conditions are corrected.
     2. INSTALLATION
        1. Install interceptors in accordance with manufacturer’s instructions at locations indicated on the Drawings.
        2. Install interceptors plumb, level, and to correct elevation.
        3. Install interceptors using manufacturer’s supplied options and hardware.
        4. Remove and replace with new material, damaged components that cannot be successfully repaired, as determined by Architect.
     3. PROTECTION
        1. Protect installed interceptors from damage during construction.

END OF SECTION